

IE

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/530,335 A  
Source: PCT  
Date Processed by STIC: 07/03/2006

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 07/03/2006

PATENT APPLICATION: US/10/530,335A

TIME: 12:19:58

Input Set : A:\753-53 PCT-US sequence listing 2.ST25.txt

Output Set: N:\CRF4\07032006\J530335A.raw

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3 <110> APPLICANT: Vrijbloed, Jan Wim
4      Obrecht, Daniel
5      Locurio, Sergio
6      Gombert, Frank
7      Ludin, Christian
8      Robinson, John Anthony
9      Lederer, Alexander
10     Shankaramma, Shivaprasad
12 <120> TITLE OF INVENTION: Template-fixed Peptidomimetics with Antimicrobial Activity
14 <130> FILE REFERENCE: 753-50 PCT/US
16 <140> CURRENT APPLICATION NUMBER: 10/530,335A
17 <141> CURRENT FILING DATE: 2005-04-01
19 <150> PRIOR APPLICATION NUMBER: PCT/EP2002/011048
20 <151> PRIOR FILING DATE: 2002-10-02
22 <160> NUMBER OF SEQ ID NOS: 12
24 <170> SOFTWARE: PatentIn version 3.3
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 14
28 <212> TYPE: PRT
29 <213> ORGANISM: Artificial Sequence
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32 <223> OTHER INFORMATION: Antimicrobial synthetic peptide based on Protegrin 1
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37 <222> LOCATION: (6)..(6)
38 <223> OTHER INFORMATION: Xaa in position 6 is (EA)G
40 <220> FEATURE:
41 <221> NAME/KEY: MISC_FEATURE
42 <222> LOCATION: (13)..(13)
43 <223> OTHER INFORMATION: Pro in position 13 is D-Pro
45 <400> SEQUENCE: 1
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48 1          5          10
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54 <213> ORGANISM: Artificial Sequence
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60 <220> FEATURE:
61 <221> NAME/KEY: MISC_FEATURE
62 <222> LOCATION: (4)..(4)
63 <223> OTHER INFORMATION: Xaa in position 4 is hArg

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65 &lt;220&gt; FEATURE:

66 &lt;221&gt; NAME/KEY: MISC\_FEATURE

67 &lt;222&gt; LOCATION: (5)..(5)

68 &lt;223&gt; OTHER INFORMATION: Xaa in position 5 is hArg

70 &lt;220&gt; FEATURE:

71 &lt;221&gt; NAME/KEY: MISC\_FEATURE

72 &lt;222&gt; LOCATION: (6)..(6)

73 &lt;223&gt; OTHER INFORMATION: Xaa in position 6 is (EGU)G

75 &lt;220&gt; FEATURE:

76 &lt;221&gt; NAME/KEY: MISC\_FEATURE

77 &lt;222&gt; LOCATION: (9)..(9)

78 &lt;223&gt; OTHER INFORMATION: Xaa in position 9 is hArg

80 &lt;220&gt; FEATURE:

81 &lt;221&gt; NAME/KEY: MISC\_FEATURE

82 &lt;222&gt; LOCATION: (13)..(13)

83 &lt;223&gt; OTHER INFORMATION: Pro in position 13 is D-Pro

85 &lt;400&gt; SEQUENCE: 2

W--&gt; 87 Leu Arg Leu Xaa Xaa Xaa Arg Trp Xaa Tyr Arg Val Pro Pro

88 1 5 10

91 &lt;210&gt; SEQ ID NO: 3

92 &lt;211&gt; LENGTH: 14

93 &lt;212&gt; TYPE: PRT

94 &lt;213&gt; ORGANISM: Artificial Sequence

96 &lt;220&gt; FEATURE:

97 &lt;223&gt; OTHER INFORMATION: Antimicrobial synthetic peptide based on Protegrin1

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101 &lt;221&gt; NAME/KEY: MISC\_FEATURE

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103 &lt;223&gt; OTHER INFORMATION: Xaa in position 6 is (PrA)G

105 &lt;220&gt; FEATURE:

106 &lt;221&gt; NAME/KEY: MISC\_FEATURE

107 &lt;222&gt; LOCATION: (13)..(13)

108 &lt;223&gt; OTHER INFORMATION: Pro in position 13 is D-Pro

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W--&gt; 112 Leu Arg Leu Lys Lys Xaa Arg Trp Lys Tyr Arg Val Pro Pro

113 1 5 10

116 &lt;210&gt; SEQ ID NO: 4

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118 &lt;212&gt; TYPE: PRT

119 &lt;213&gt; ORGANISM: Artificial Sequence

121 &lt;220&gt; FEATURE:

122 &lt;223&gt; OTHER INFORMATION: Antimicrobial Synthiotic peptide based on Protegrin 1

125 &lt;220&gt; FEATURE:

126 &lt;221&gt; NAME/KEY: MISC\_FEATURE

127 &lt;222&gt; LOCATION: (6)..(6)

128 &lt;223&gt; OTHER INFORMATION: Xaa in position 6 is (BA)G

130 &lt;220&gt; FEATURE:

131 &lt;221&gt; NAME/KEY: MISC\_FEATURE

132 &lt;222&gt; LOCATION: (8)..(8)

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Input Set : A:\753-53 PCT-US sequence listing 2.ST25.txt

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156 <221> NAME/KEY: MISC_FEATURE
157 <222> LOCATION: (4)..(4)
158 <223> OTHER INFORMATION: Xaa in position 4 is (BA)G
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163 <223> OTHER INFORMATION: Xaa in position 6 is (BA)G
165 <220> FEATURE:
166 <221> NAME/KEY: MISC_FEATURE
167 <222> LOCATION: (8)..(8)
168 <223> OTHER INFORMATION: Xaa in position 8 is Bip
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172 <222> LOCATION: (13)..(13)
173 <223> OTHER INFORMATION: Pro in position 13 is D-Pro
175 <400> SEQUENCE: 5
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181 <210> SEQ ID NO: 6
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193 <223> OTHER INFORMATION: Xaa in position 6 is (PrA)G
195 <220> FEATURE:
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197 <222> LOCATION: (8)..(8)
198 <223> OTHER INFORMATION: Xaa in position 8 is Bip
200 <220> FEATURE:
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Output Set: N:\CRF4\07032006\J530335A.raw

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202 <222> LOCATION: (13)..(13)
203 <223> OTHER INFORMATION: Pro in piston 13 is D-Pro
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208 1 5 10
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213 <212> TYPE: PRT
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222 <222> LOCATION: (7)..(7)
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245 <220> FEATURE:
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248 <223> OTHER INFORMATION: Xaa in position 5 is (PeA)G
250 <220> FEATURE:
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270 <220> FEATURE:
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273 <223> OTHER INFORMATION: Xaa in position 5 is (PeA)G

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Input Set : A:\753-53 PCT-US sequence listing 2.ST25.txt

Output Set: N:\CRF4\07032006\J530335A.raw

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275 <220> FEATURE:
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277 <222> LOCATION: (13)..(13)
278 <223> OTHER INFORMATION: Pro in position 13 is D-Pro
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297 <222> LOCATION: (5)..(5)
298 <223> OTHER INFORMATION: Xaa in position 5 is (PeA)G
300 <220> FEATURE:
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321 <221> NAME/KEY: MISC_FEATURE
322 <222> LOCATION: (7)..(7)
323 <223> OTHER INFORMATION: Xaa in position 7 is (PeA)G
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326 <221> NAME/KEY: MISC_FEATURE
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328 <223> OTHER INFORMATION: Pro in position 13 is D-Pro
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345 <220> FEATURE:
346 <221> NAME/KEY: MISC_FEATURE

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/530,335A

DATE: 07/03/2006  
TIME: 12:20:00

Input Set : A:\753-53 PCT-US sequence listing 2.ST25.txt  
Output Set: N:\CRF4\07032006\J530335A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 6  
Seq#:2; Xaa Pos. 4, 5, 6, 9  
Seq#:3; Xaa Pos. 6  
Seq#:4; Xaa Pos. 6, 8  
Seq#:5; Xaa Pos. 4, 6, 8  
Seq#:6; Xaa Pos. 6, 8  
Seq#:7; Xaa Pos. 7  
Seq#:8; Xaa Pos. 5  
Seq#:9; Xaa Pos. 5  
Seq#:10; Xaa Pos. 5  
Seq#:11; Xaa Pos. 7  
Seq#:12; Xaa Pos. 5

## VERIFICATION SUMMARY

DATE: 07/03/2006

PATENT APPLICATION: US/10/530,335A

TIME: 12:20:00

Input Set : A:\753-53 PCT-US sequence listing 2.ST25.txt

Output Set: N:\CRF4\07032006\J530335A.raw

L:47 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:87 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:232 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:332 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0